

## **HYBRID PROTEINS OF ACTIVE-SITE SERINE BETA-LACTAMASE**

### **Abstract of the Disclosure**

The present invention refers to a recombinant nucleotide sequence which codes upon expression for at least a part of a bifunctional hybrid active-site serine  $\beta$ -lactamase protein, wherein the  $\beta$ -lactamase protein is bearing at least one heterologous sequence, wherein in that the hybrid protein is having two functions, the first function is associated with the  $\beta$ -lactamase portion and the second function is associated with the heterologous sequence having a biological function which is different from the first function.